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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5000-OD38 (1984): Dimensions of Semiconductor Devices, Device Outline OD38 [LITD 5: Semiconductor and Other Electronic Components and Devices]

“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



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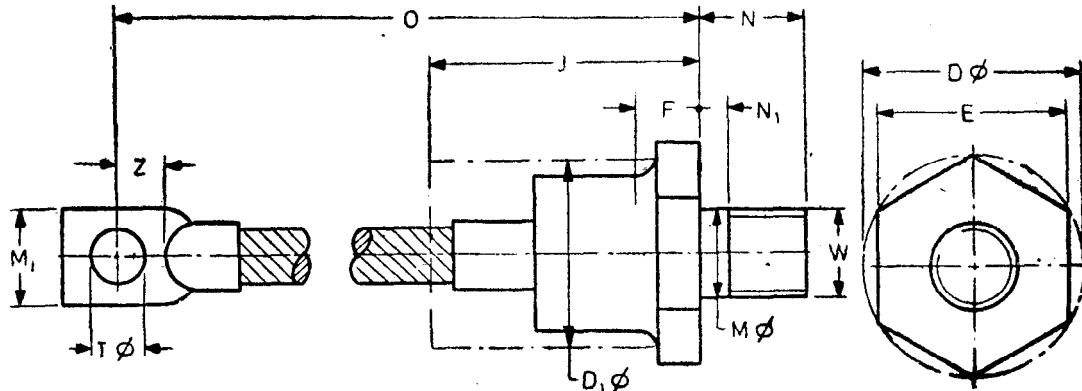
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Indian Standard

DIMENSIONS OF SEMICONDUCTOR DEVICES DEVICE OUTLINE OD 38

1. Dimensions — This drawing has been prepared in accordance with IS : 5001 (Part 1)-1969 'Guide for preparation of drawings of semiconductor devices and integrated circuits : Part 1 Semiconductor devices'.



Reference	Millimetres			Notes
	Min	Nom	Max	
<i>D</i>	—	—	42.0	—
<i>D</i> ₁	—	—	—	1,2
<i>E</i>	—	36	—	—
<i>F</i>	5.0	—	—	—
<i>J</i>	—	—	110	1,3
<i>M</i>	—	—	—	4
<i>M</i> ₁	20.0	—	27.0	5
<i>N</i> ₁	—	—	4.0	—
<i>O</i>	180	—	220	—
<i>T</i>	10.0	—	11.0	—
<i>W</i>	—	M20×1.5	—	—
<i>Z</i>	11.0	—	—	6
Type A				
<i>N</i>	23.0	—	25.0	—
Type B				
<i>N</i>	12.0	—	14.0	—

Note 1 — The device, with the exception of the hexagon, thread and flexible terminal, lies within the cylinder of diameter D_1 and length J .

Note 2 — Diameter D_1 shall not be greater than the actual across flats dimension of the hexagon used.

Note 3 — Dimension J is the seated height with the terminal bent at right angles.

Note 4 — Diameter M refers to zone N_1 . The maximum value should not exceed the outside diameter of the thread.

Note 5 — The contour and orientation of the terminal slug or lug are undefined.

Note 6 — Minimum flat.

2. Rules for Coding — See 8.1 of IS : 5001 (Part 1) - 1969.

3. Equivalent Designations

Country or Organisation	Designation Code	
	Type A	Type B
IEC	A35MA	A35MB
Germany	108B2	—
Japan	SC-30 △	—
USSR	—	KD8P1 △